

### CTDP 31,533 vs. Vehicle

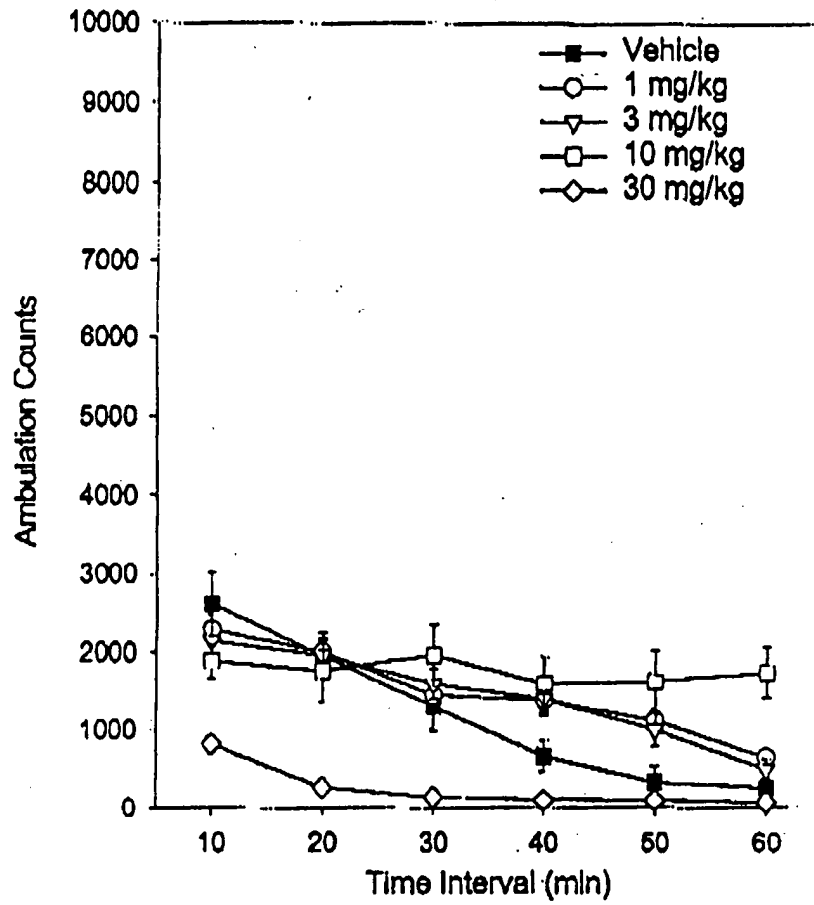


Figure 1 Time course of effects of 31,533 on horizontal activity counts/10 min.

CTDP 31,533 v . Vehicl

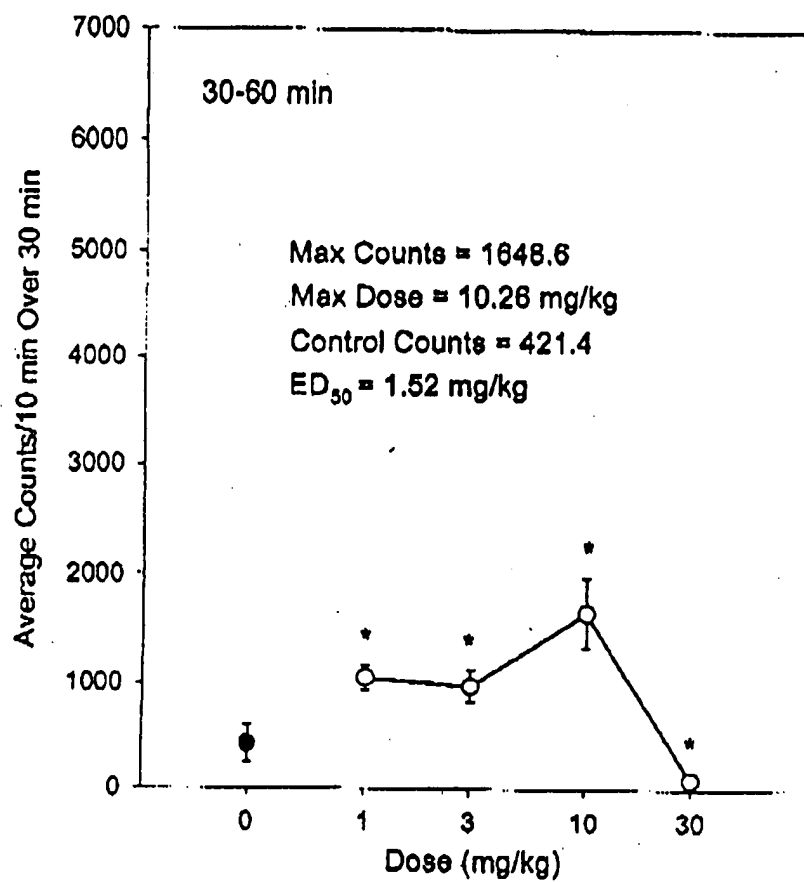


Figure 2 Dose response effects of 31,533 on horizontal activity counts/10 min (30-60 min following injection).

\* $p < 0.05$  compared with 0 dose

# CTDP 31,533 vs. Cocaine

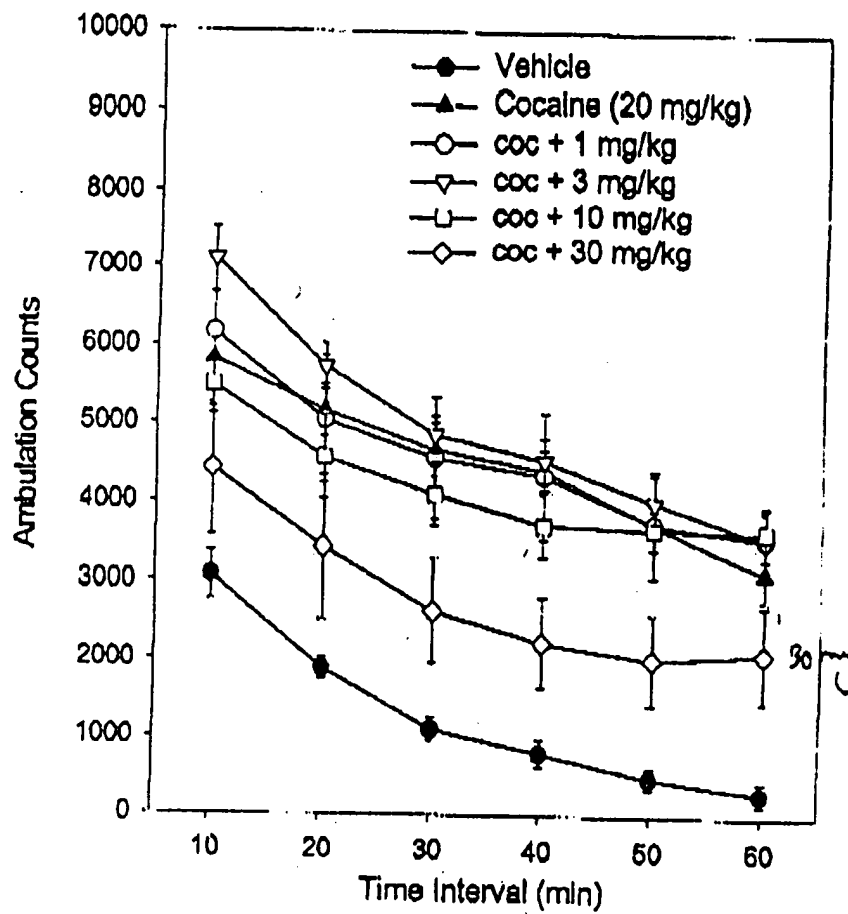


Figure 3 Interaction between 31,533 and cocaine on LMA: Time course of effect.

### CTDP 31,533 vs. Cocaine

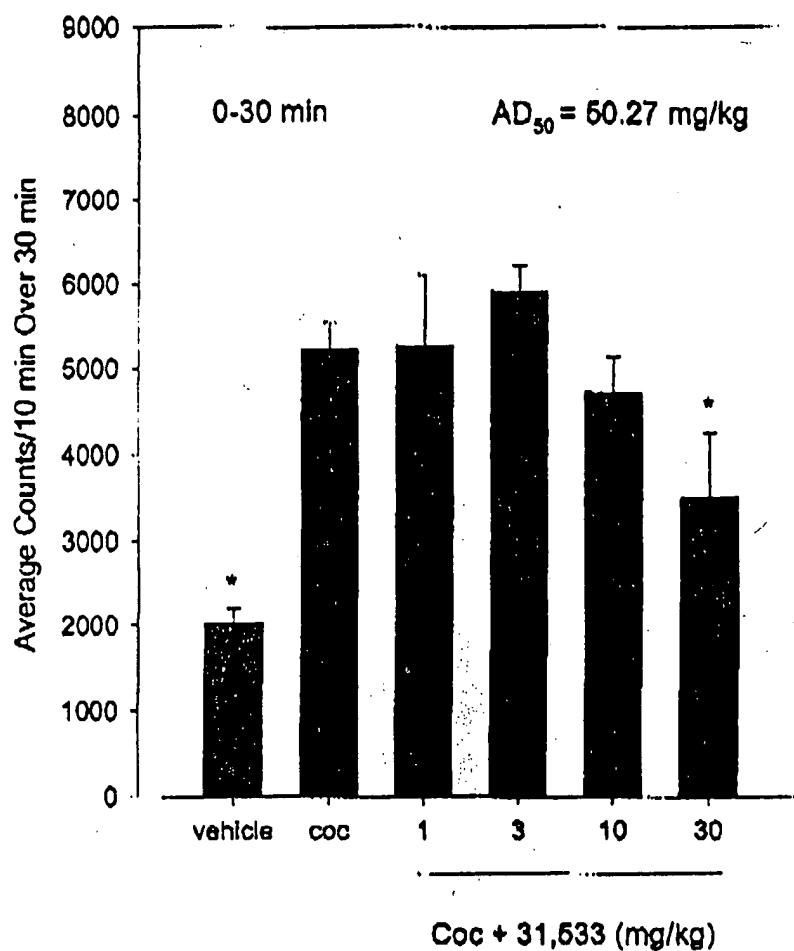


Figure 4 Interaction between 31,533 and cocaine on LMA: Dose response during first 30 min following injection.

\* $p < 0.05$  compared with cocaine alone

# CTDP 31,532 vs. Vehicle

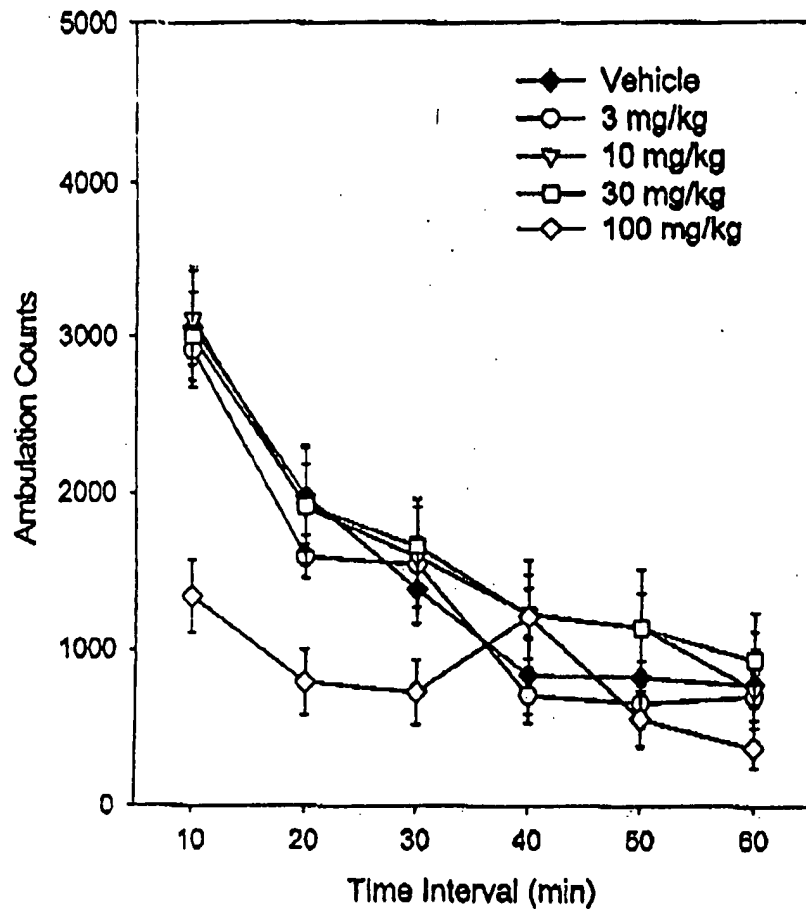


Figure 5 Time course of effects of 31,532 on horizontal activity counts/10 min.

# CTDP 31,532 vs. Vehicle

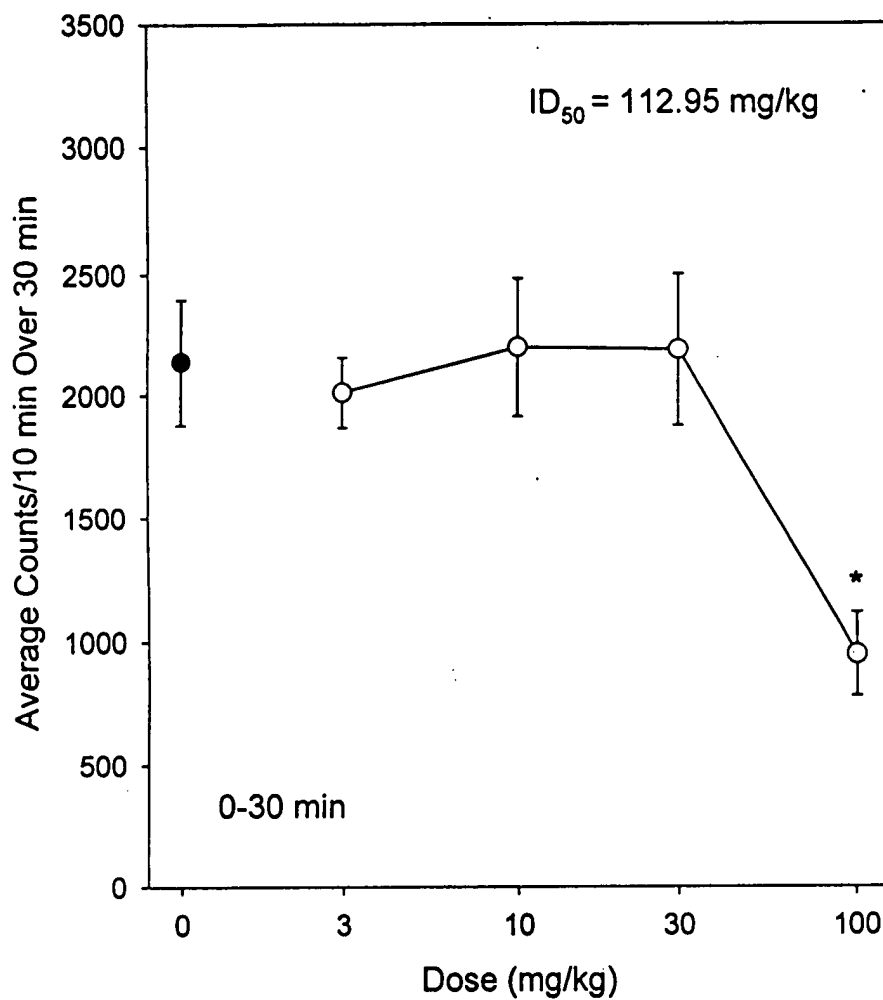


Figure 6 Dose response effects of 31,532 on horizontal activity counts/10 min (0-30 min after 20 min pretreatment).  
 \* $p < 0.05$  compared with 0 dose

# CTDP 31,532 vs. Cocaine

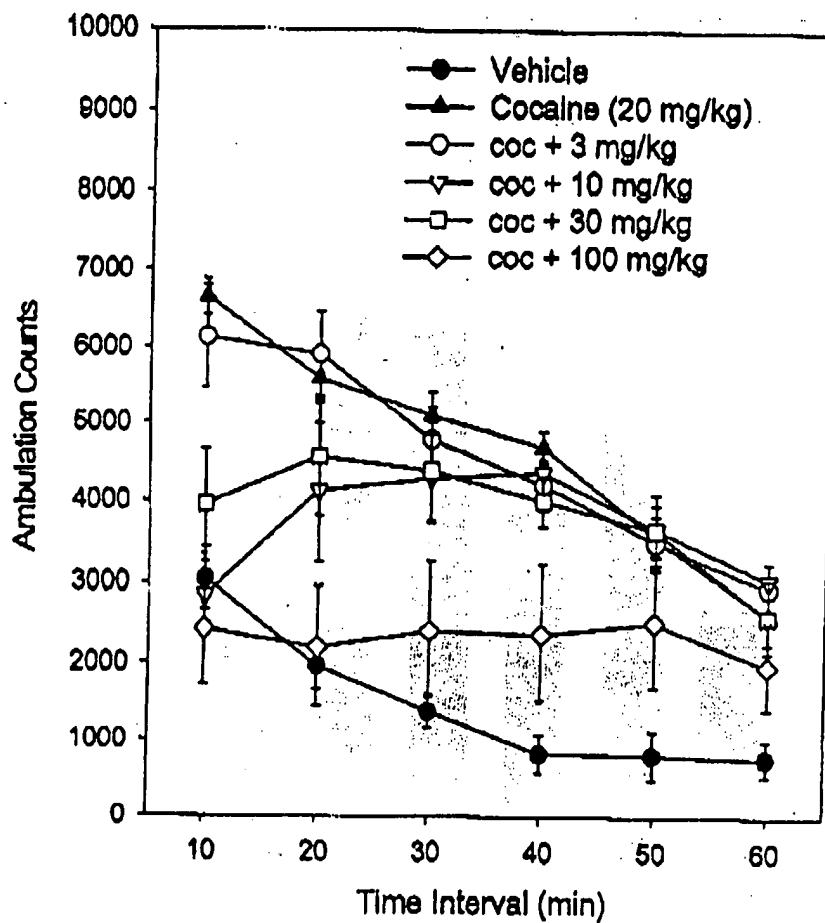


Figure 7 Interaction between 31,532 and cocaine on I.M.A: Time course of effect.

### CTDP 31,532 vs. Cocaine

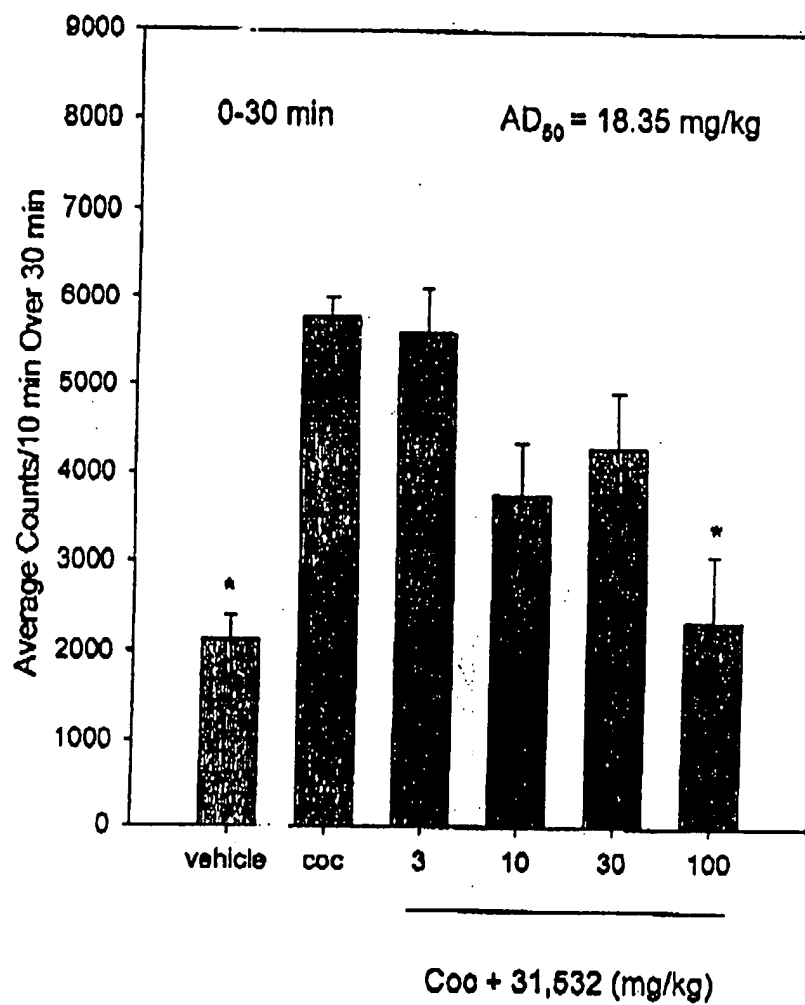


Figure 8 Interaction between 31,532 and cocaine on LMA: Dose response during first 30 min after 20 min pretreatment.  
\* $p < 0.05$  compared with cocaine alone



# CTDP 31,530 vs. Vehicle

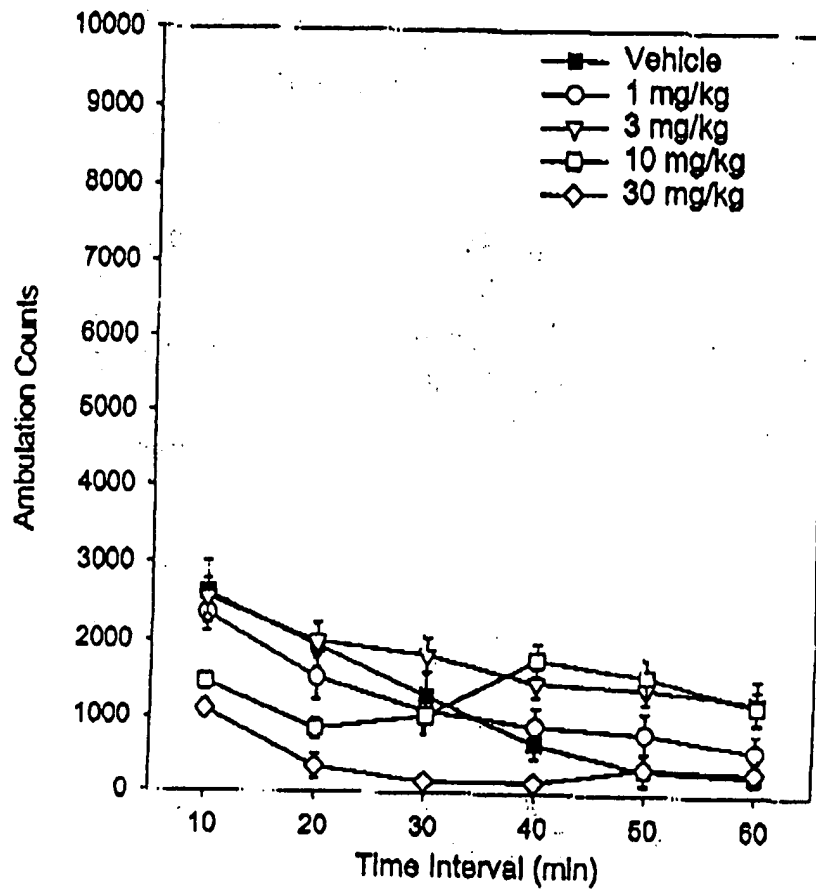


Figure 9 Time course of effects of 31,530 on horizontal activity counts/10 min.  
<sup>a</sup> $p < 0.05$  compared with 0 dose

# CTDP 31,530 vs. Vehicle

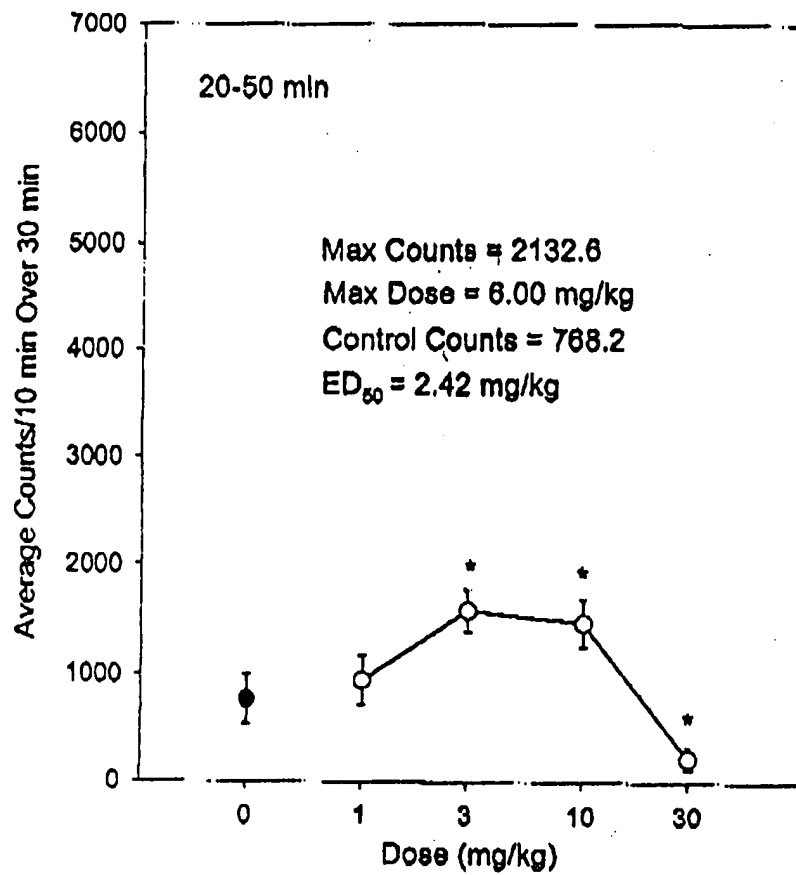


Figure 10 Dose response effects of 31,530 on horizontal activity counts/10 min (20-50 min following injection).

\* $p < 0.05$  compared with 0 dose

# CTDP 31,530 vs. Cocaine

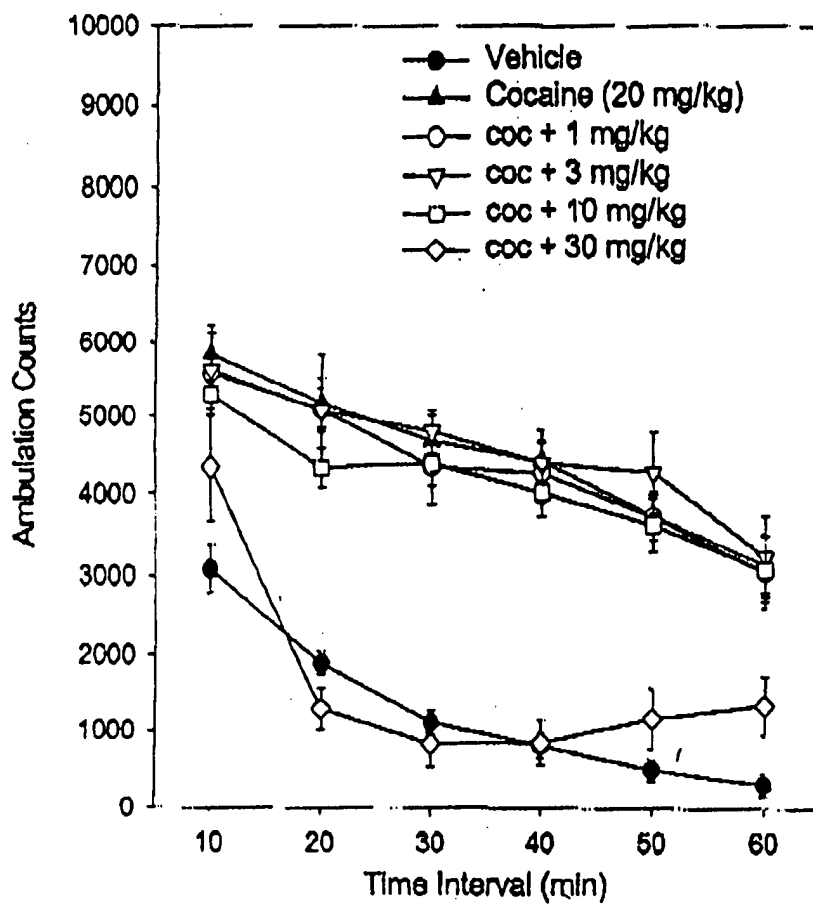


Figure 1 Interaction between 31,530 and cocaine on LMA: Time course of effect.

# CTDP 31,530 vs. Cocaine

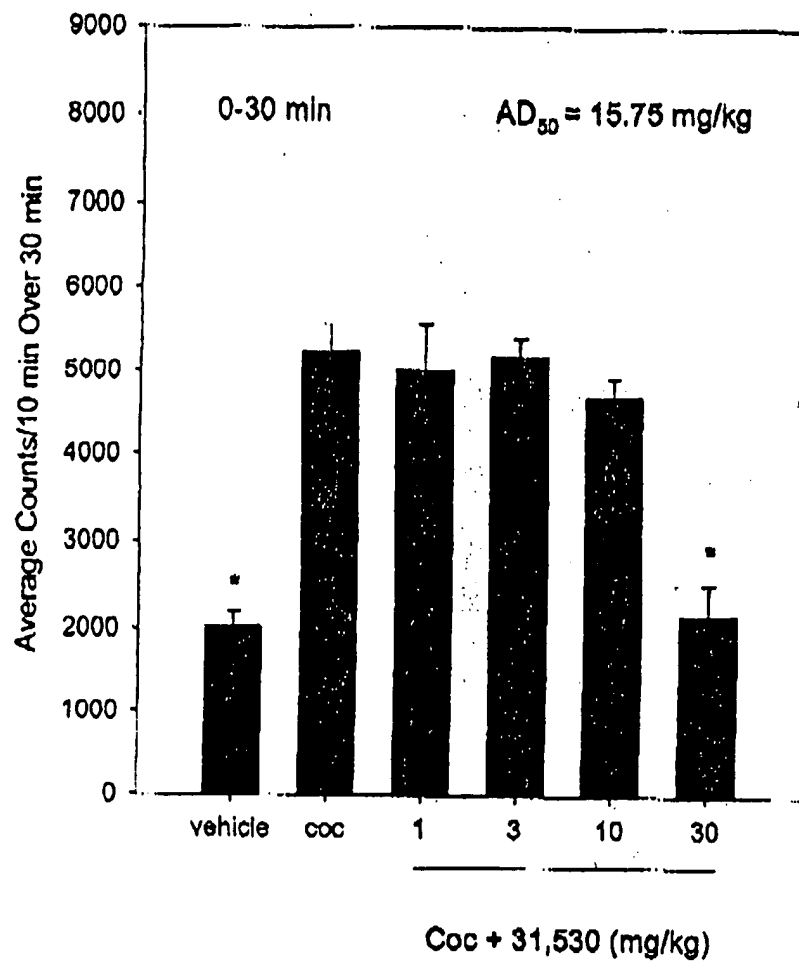


Figure 2 Interaction between 31,530 and cocaine on LMA: Dose response during first 30 min following injection.

\* $p < 0.05$  compared with cocaine alone

# CTDP 31,526 vs. Vehicle

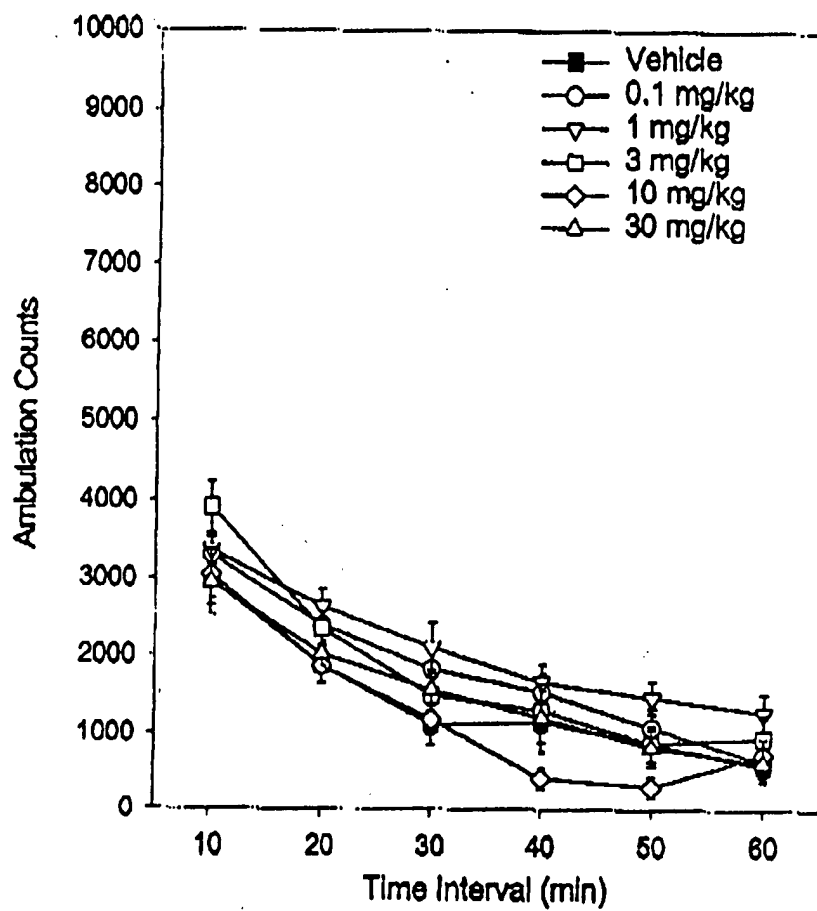


Figure 13 Time course of effects of 31,526 on horizontal activity counts/10 min.

002080\* 284E960

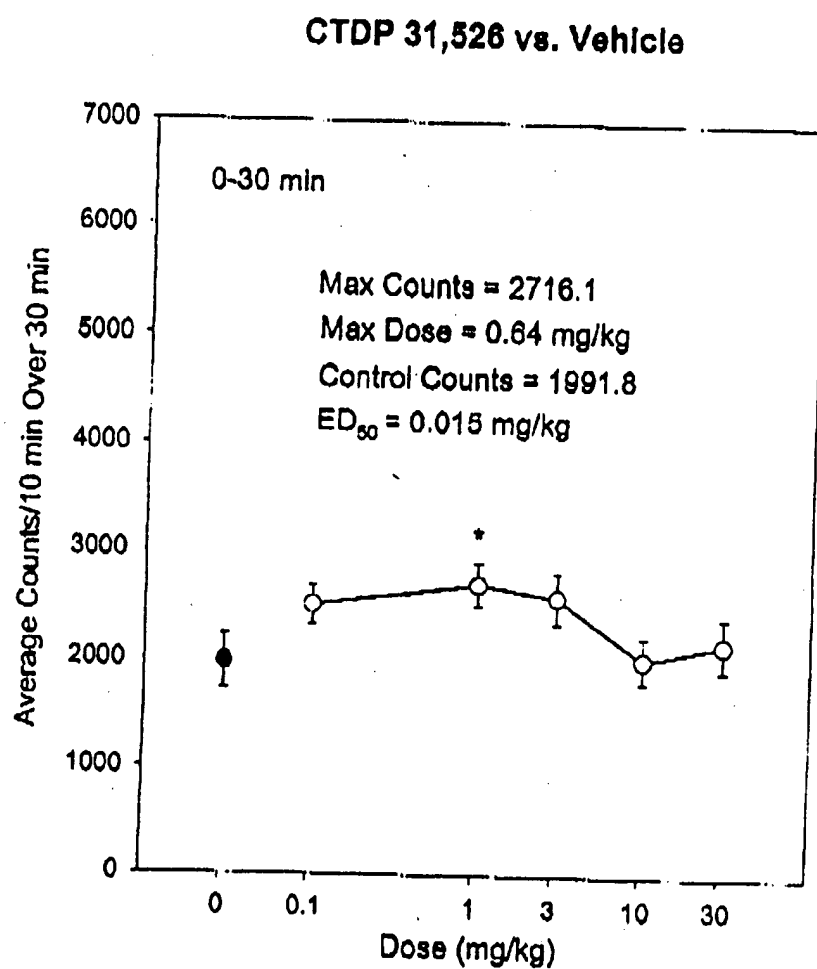


Figure 14 Dose response effects of 31,526 on horizontal activity counts/10 min (0-30 min after 20 min pretreatment).

\* $p < 0.05$  compared with 0 dose

# CTDP 31,526 vs. Cocaine

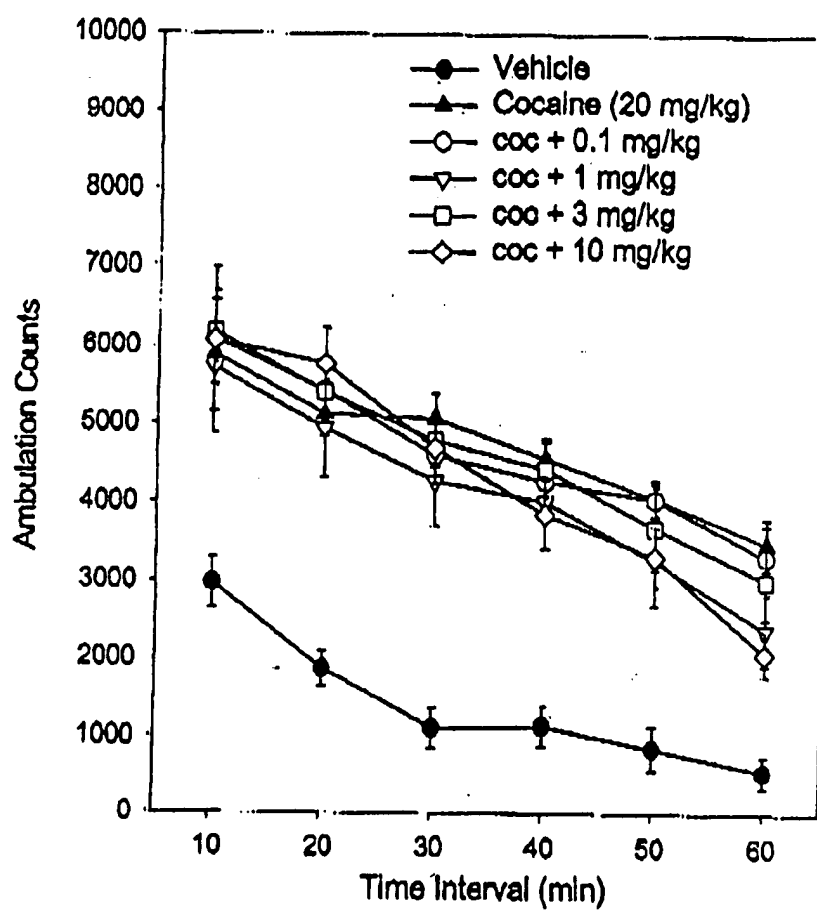


Figure 5 Interaction between 31,526 and cocaine on LMA: Time course of effect.

# CTDP 31,526 vs. Cocaine

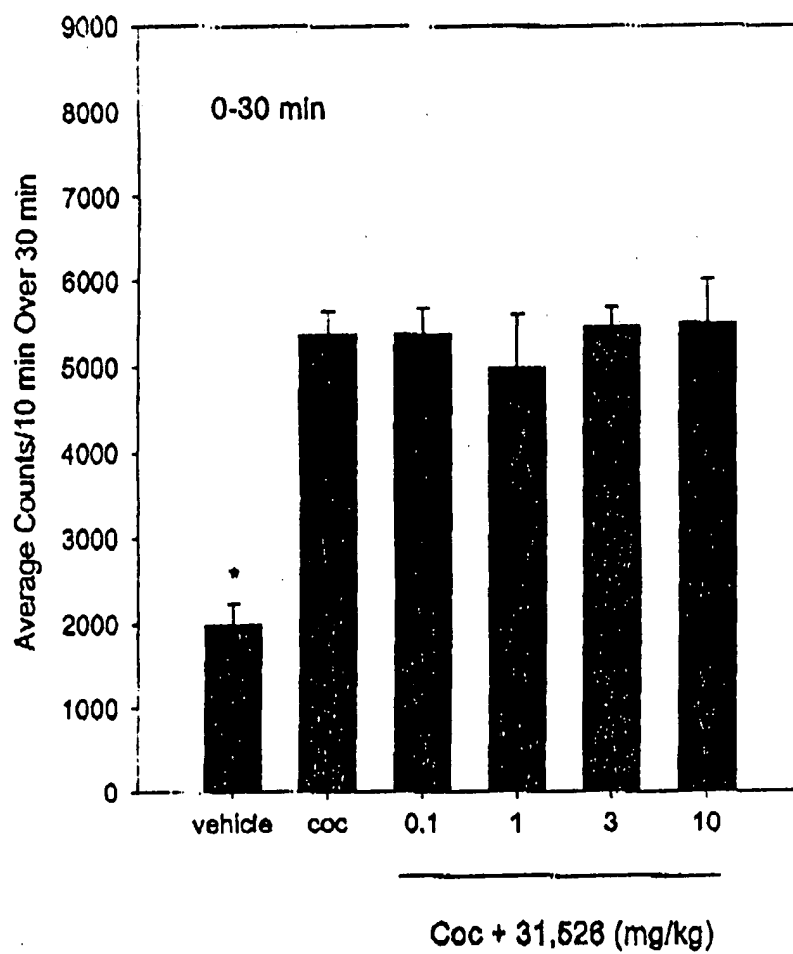
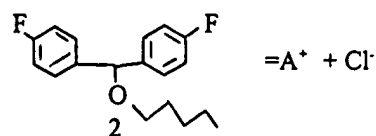
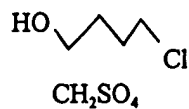
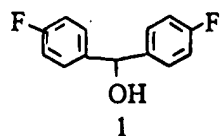


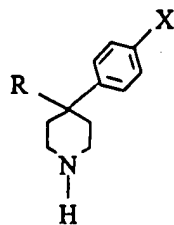
Figure 1 Interaction between 31,526 and cocaine on LMA: Dose response during first 30 min after 20 min pretreatment.  
 \* $p < 0.05$  compared with cocaine alone



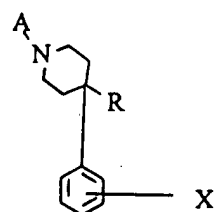
**Scheme 1**



2

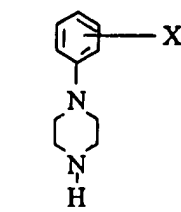


$\text{K}_2\text{CO}_3/\text{KI}$

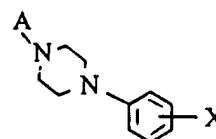


3 R =  $\text{COCH}_3$  X = H 31525  
 4R = OH X = 4 Br 31530  
 5 R = OH X = H 31531

2

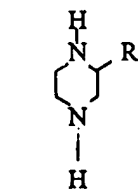


$\text{K}_2\text{CO}_3/\text{KI}$

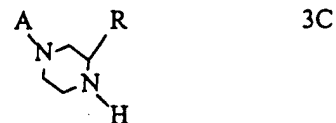


6 X = 2F 31526  
 7 X = 4F 31527  
 8 X = 3- $\text{CF}_3$  31532

2



$\text{K}_2\text{CO}_3/\text{KI}$



9 R = O 31524  
 10 R =  $\text{C}_6\text{H}_5$  31533

Figure 17